

FIG. 3

PIEZO Y  JOG SIZE MICRON

30  
25  
20  
15  
10  
5  
0

0.1 1.0 10.0 100.0 1000.0

JOG CONTROL

ROLL Z- (RAISES FAR SIDE) ROLL Z- (OUT FAR SIDE)

Z- IN

OUT Z+

ROLL Y- (IN FAR SIDE) ROLL Z- (LOWERS FAR SIDE)

PIEZO X

0 5 10 15 20 25 30

NANOSTEP POSITION

0.0592 Z

0Z ROLL

0Y ROLL

BACKLASH COMPENSATE ☐ OFF

CONFIG NAME

NANOSTEP NAMES

Z-OPTICAL Z

THETA Z

THETA Y

THETA Y

PIEZO NAMES

Z-OPTICAL X

y-OPTICAL Y

QUIT HOME

(NO ERROR)(ERROR OUT)

STATUS OFF CODE  SOURCE

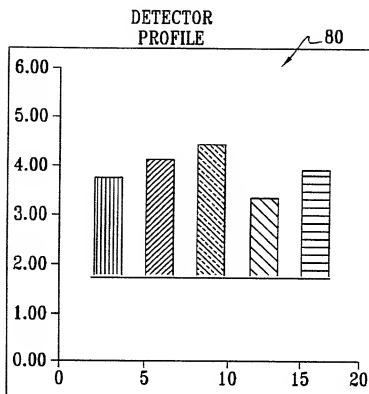
STATUS OFF CODE  SOURCE

FIG. 4A

MAP FOR FIGS.  
4A, 4B, 4C, 4D

4A	4B
4C	4D

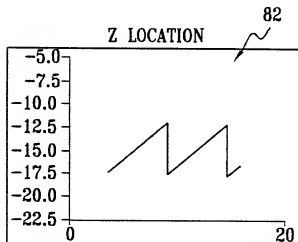
FIG. 4B



SAMPLING ON LONG TIME

NO. OF MINUTES  
BETWEEN SAMPLES  $\boxed{0.20}$ TIME IN MINUTES  $\boxed{0.59}$ NUMBER OF SAMPLES:  $\boxed{0}$ 

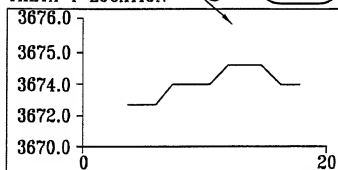
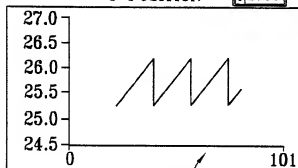
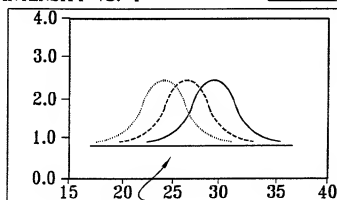
CURSOR 4	0.00	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
CURSOR 5	0.00	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
CURSOR 6	0.00	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
CURSOR 7	-0.00	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
CURSOR 8	0.00	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
CURSOR 9	0.00	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	10	0.00 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
CURSOR 11	0.00	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>



Z &amp; THETA Y TUNING

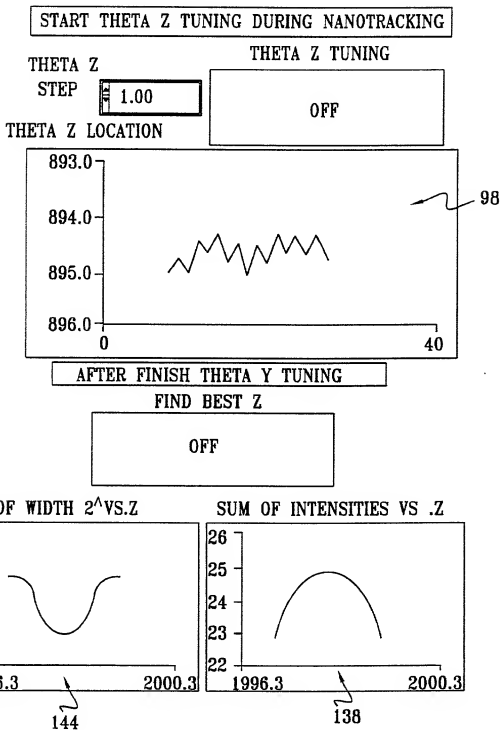
STOP TUNING ☐ OFFZ, Y  
MAPPING  
TO FILE☐ OFF

THETA Y LOCATION

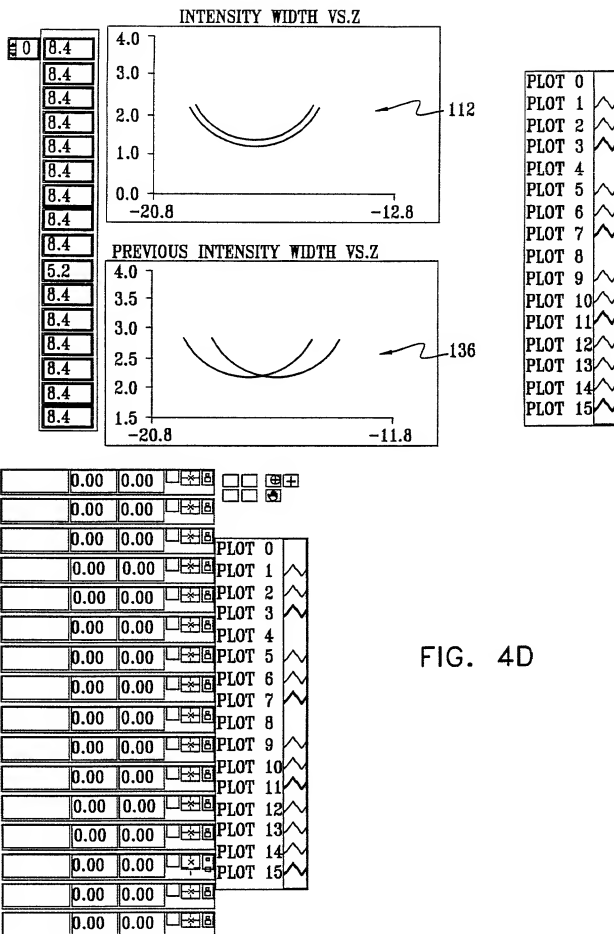
Y RANGE  
Y POSITION  $\boxed{0.20}$ INTENSITY VS. Y WIDTH TYPE  $\boxed{1/e^2}$ 

10037925 040306

FIG. 4C



10037025-010303



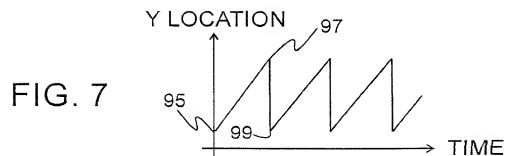
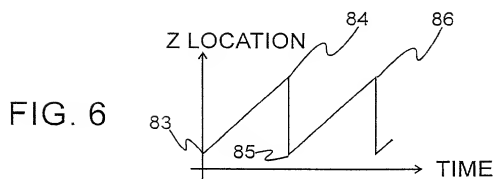
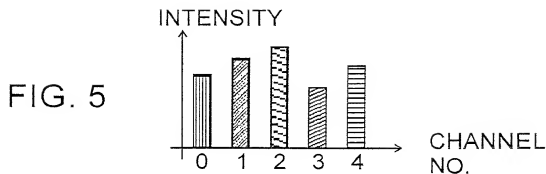




FIG. 8

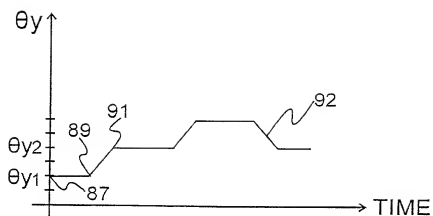


FIG. 9

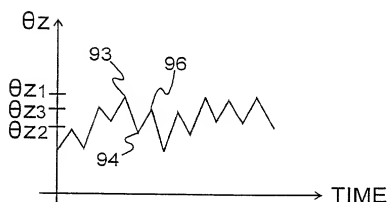
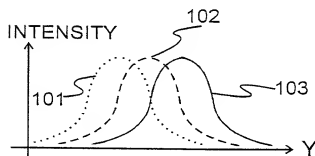


FIG. 10



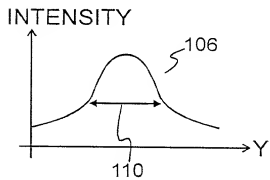
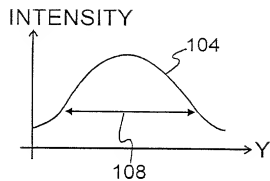


FIG. 11

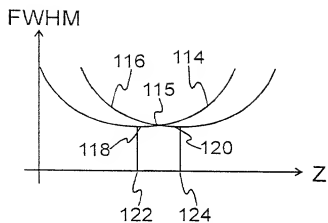


FIG. 12

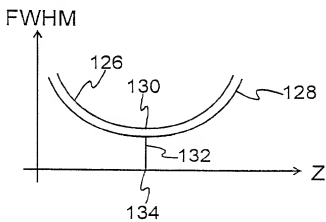


FIG. 13

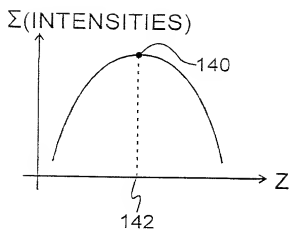


FIG. 14

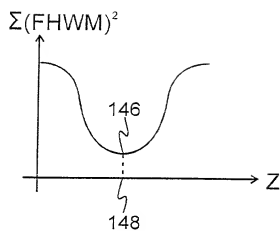


FIG. 15

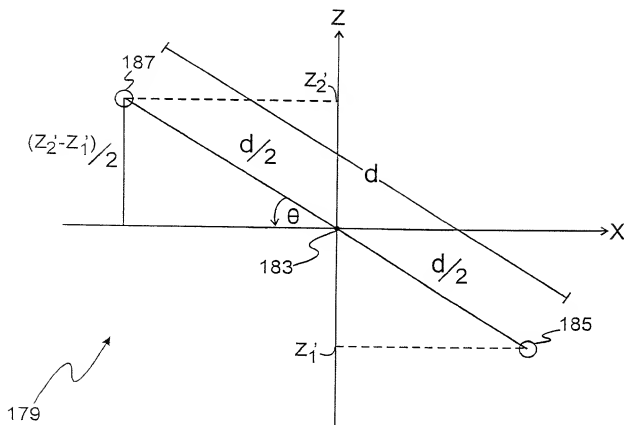


FIG. 18

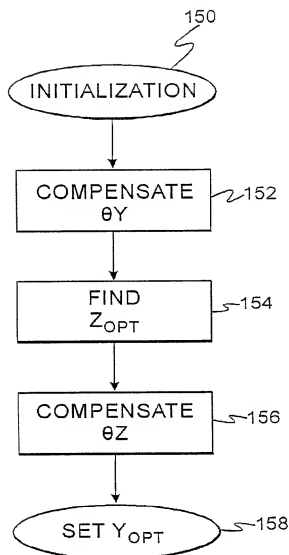


FIG. 16

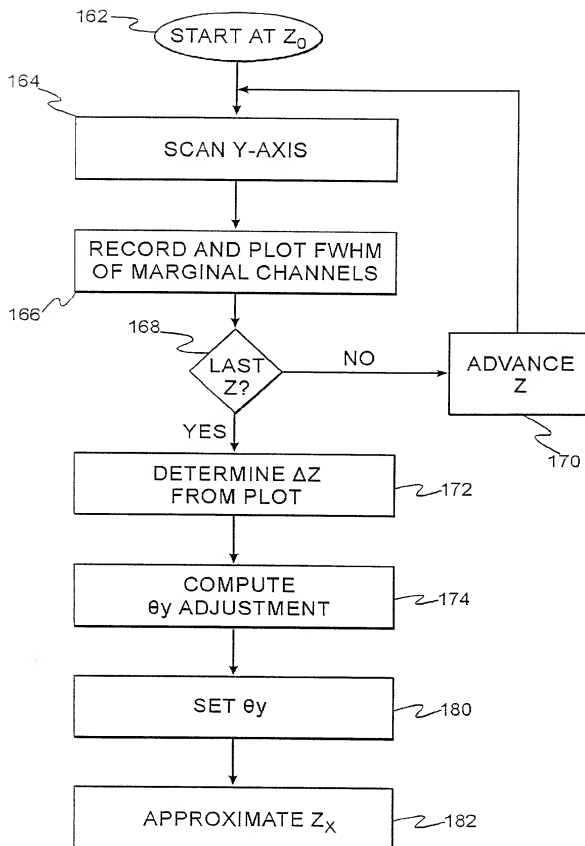


FIG. 17

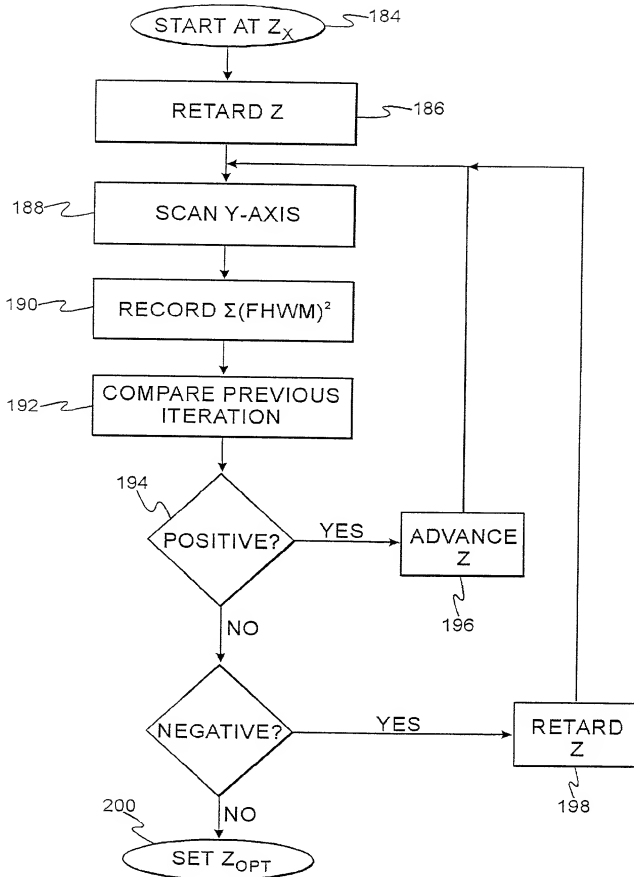


FIG. 19

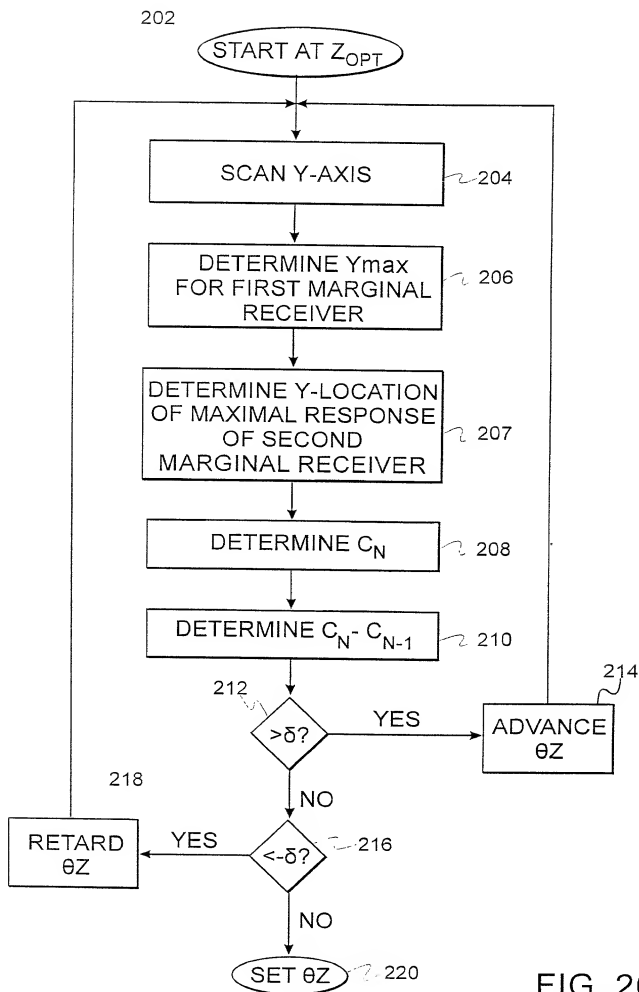


FIG. 20